Diabetes WebAudit: New Tools for Working With Diabetes Audit Data

IHS Division of Diabetes Treatment and Prevention
Making Data Count – 2007 Data Conference (12/18/2007)

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WebAudit Background and History

1. What is the IHS Diabetes Care and Outcomes Audit?

The Indian Health Service (IHS) Diabetes Care and Outcomes Audit ("the Audit") is a process for assessing diabetes care and health outcomes for American Indians and Alaska Natives with diagnosed diabetes. To perform an audit, data for patients with diabetes are collected locally via manual chart review (manual audit) or by extracting data from electronic health record systems (electronic audit).

2. What is the WebAudit?

The WebAudit is an internet-based system for working with data collected via the Audit. It includes tools for data entry, transfer of files from electronic audits, data processing (including data checking and editing), and reporting. The WebAudit has a "point-and-click" interface and stores all data in a secure, remote, centralized database.

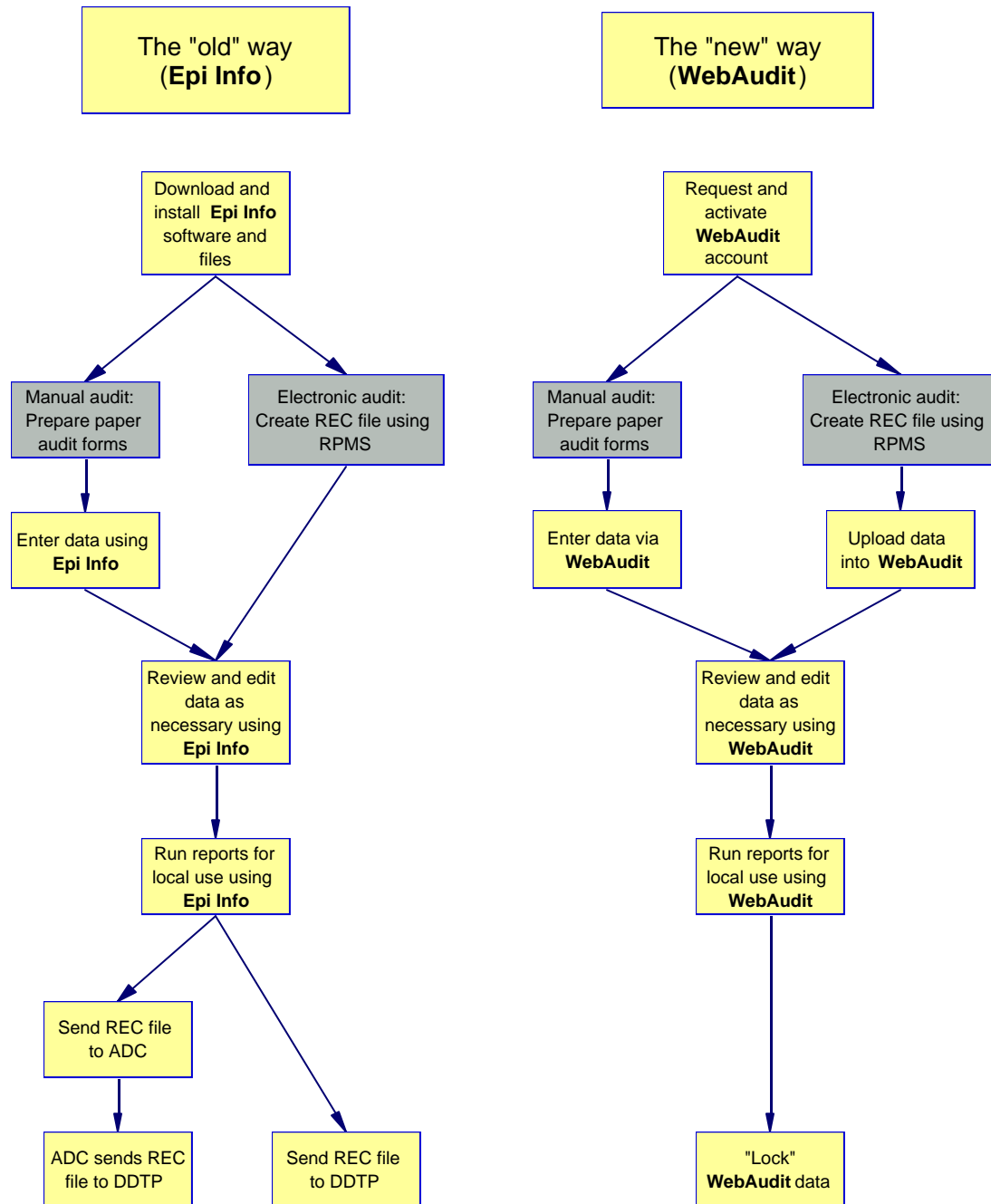**3. Why was the WebAudit developed?**

The WebAudit was developed to address limitations of the software (Epi Info) and processes used in the past. These limitations include: cumbersome interface, email transfer of sensitive information, and lack of centralized data storage and access.

4. Advantages of the WebAudit

   a. Access via the internet requiring only an internet connection and browser (no software to install).

   b. An easy to use "point-and-click" interface.

   c. Basic instructions included on the screens seen by users.

   d. A built-in data security system to ensure confidentiality and to allow users to have access to data for only the facility(s) necessary.

   e. Easy download of data files and reports for local use and distribution.

   f. One central location for audit data from multiple facilities and years.
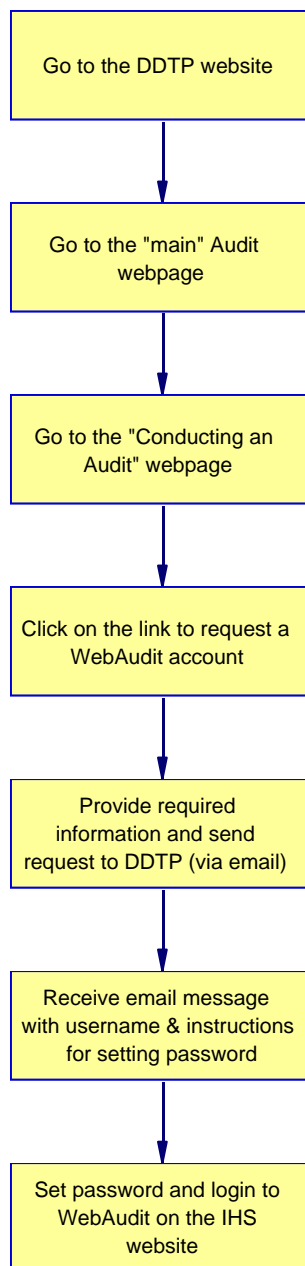
Old vs. New Audit Process

IHS Diabetes Care and Outcomes Audit
Comparison of "Old" vs. "New" Audit Process 2008

The "old" way (**Epi Info**)	The "new" way (**WebAudit**)

The "old" way (Epi Info):

Download and install **Epi Info** software and files

→ Manual audit: Prepare paper audit forms

→ Electronic audit: Create REC file using RPMS

Manual audit → Enter data using **Epi Info**

Review and edit data as necessary using **Epi Info**

Run reports for local use using **Epi Info**

Send REC file to ADC

ADC sends REC file to DDTP

Send REC file to DDTP

The "new" way (WebAudit):

Request and activate **WebAudit** account

→ Manual audit: Prepare paper audit forms

→ Electronic audit: Create REC file using RPMS

Enter data via **WebAudit**

Upload data into **WebAudit**

Review and edit data as necessary using **WebAudit**

Run reports for local use using **WebAudit**

"Lock" **WebAudit** data

How to Access the WebAudit

1. **Requirements:** Internet and browser

2. **Starting Point:** DDTP Website
    http://www.ihs.gov/medicalprograms/diabetes/Audit/audit_index.asp

3. **Account Setup:**

IHS Diabetes Care and Outcomes Audit
WebAudit Account Setup

Go to the DDTP website

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Go to the "main" Audit webpage

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Go to the "Conducting an Audit" webpage

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Click on the link to request a WebAudit account

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Provide required information and send request to DDTP (via email)

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Receive email message with username & instructions for setting password

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Set password and login to WebAudit on the IHS website

WebAudit Tools

1. **Data Entry** – For entering data from paper forms for manual audits.

2. **Upload Data** – For uploading data in an electronic (REC) file for electronic audits.

3. **View/Download Data** – For reviewing and making edits to data.

4. **Data Quality Check** – For checking data for potential errors.

5. **Audit Reports** – For generating the following reports:

   a. Audit (Health Status) Report
   b. Renal Preservation Report
   c. Cardiovascular Disease Report
   d. Means Report

6. **Enter Reg Num** – For entering number of people in the diabetes registry.

7. **Lock Facility Data** – For "locking" data (not allowing any changes or additions) once data processing is complete. Submits data to DDTP.

WebAudit Documentation and Support

1. **Documentation**

   a. Largely self-documenting via information on the screen and via email instructions.

   b. User Guides in development.

2. **Training**

   a. Training plan currently in development.

   b. Potential training tools: Recorded WebEx session on demand from DDTP website, live WebEx sessions on request, and others.

3. **Support**

   a. Via email – One email address goes to all administrators

   b. Via phone

Contact the WebAudit Team

DDTPWebAuditAdmins@ihs.gov